

**Stefansson, Vilhjalmur.**

Friendly arctic. The story of five years in polar regions. New York. 1921. xxxi, 784 p. plates. maps. 23 cm.

**Stenz, Édouard.**

Intensité de la radiation solaire et l'insolation à Varsovie pendant la période 1913-1918. Varsovie. 1922. 39 p. figs. 30 cm. [Text in Polish and French.] (Rocznika panstwowego instytutu meteorologicznego. 1919.)

**Villamil, R. de.**

Soaring flight. A simple mechanical solution of the problem. London. 1920. 48 p. 19 cm.

**Vittrant, Michel.**

Deux graphiques sur les variations lunaires de la température. 4 p. diagr. 23½ cm. (Extr. Bulletin des sciences de l'Université de Changhai (L'Aurore) 1922.)

**Winchell, Alexander N., & Miller, Eric R.**

Great dustfall of March 19, 1920. p. 349-364. fig. 23½ cm. (Extr. American journal of science. v. 3, May, 1922.)

**RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.**

C. F. TALMAN, Professor in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

*Aérophile. Paris. 30 année. 1-15 Avril 1922.*

Rouch, J. Le vent en altitude à Bayonne. p. 105-110. Abstract in this REVIEW, pp. 244-245.

*Akademie der Wissenschaften. Sitzungsberichte. Wien. Abt. IIa. Bd. 129. H. 9 & 10. 1920.*

Schweidler, Egon. Zusammenfassender Bericht über die Beobachtungen an der luftelektrischen Station Seeham in den Sommern 1916 bis 1920. p. 919-927.

*American journal of science. New Haven. (5) v. 3. June, 1922.*

Sayles, Robert W. The dilemma of the paleoclimatologists. p. 456-473.

*American society of civil engineers. Proceedings. New York. v. 48. May, 1922.*

Freeman, John R. Flood problems in China. p. 1113-1167. [Includes rainfall map of China, p. 1163.]

Grunsky, C. E. Some factors affecting the problem of flood control. p. 1191-1205.

*American society of civil engineers—Continued.*

Mather, Gerard H. Floods on small streams caused by rainfall of the cloudburst type. p. 1096-1107.

Sullivan, J. G. Flood conditions in Canada. p. 1092-1095.

*France. Académie des sciences. Comptes rendus. Paris. t. 174. 6 juin 1922.*

Pons & Rémy. Sur la coloration ocre que présentèrent en mars 1922 les neiges du Briançonnais. p. 1482-1483.

*Geographical journal. London. v. 59. June, 1922.*

B., R. N. R. Dr. Henry Newton Dickson, C. B. E. p. 478-479. [Obituary.]

*Harvard college. Astronomical observatory. Annals. Cambridge, Mass. v. 86, pt. 1. 1-21.*

Fisher, Willard J. Low sun phenomena. p. 38-45.

McAdie, Alexander. C. G. S. units in aerography—kilobar, kilocal, kilograd. p. 46-56.

McAdie, Alexander. Height and velocity of low clouds in relation to surface humidity and wind. p. 33-37.

Paine, George Porter. The measurement of atmospheric humidity. p. 57-61.

*Heating and ventilating magazine. New York. v. 19. June, 1922.*

Hart, H. M. New method proposed of arriving at heat losses due to wind. A suggestion based on Weather Bureau records of wind velocities and directions during cold spells. p. 31-32.

*Geofysiske kommission Kristiania. Geofysiske publicationer, v. 2, no. 5. 1922.*

Vegard, L. Determination of the wave length of the green line of the auroral spectrum. 11 pp.

*Meteorologio pratica. Montecassino. Anno 3. Marzo-Aprile 1922.*

Gamba, Pericle. Il "teodolite nefometrico." p. 41-44.

Giorgi, Cosimo de. L'osservatorio meteorico di Lecce e la rete termopluviometrica salentina. p. 65-67.

Grabovitz, Giulio. Anno climatologico. p. 45-49.

L'osservatorio meteorico-aerologico-geodinamico di Montecassino. p. 63-65.

R. osservatorio di Rocca di Papa. p. 67-68.

Tenani, M. Il motore a vento e le condizioni meteorologiche che ne determinano l'impiego. p. 50-55.

*Meteorological magazine. London. v. 57. May, 1922.*

Salter, M. de Carle S. The development of water resources. p. 92-95.

Whipple, F. J. W. New light on the significance of wet bulb temperature. p. 89-91.

*Nature. London. v. 109. 1922.*

Oldham, R. D. Cause and character of earthquakes. p. 685-687. (May 27.)

Adolphus Collenette. p. 788 (June 17.) [Obituary.]

*Popular astronomy. Northfield, Minn. v. 30. June-July, 1922.*

Photograph of a small tornado. p. 325-326.

*Science. New York. v. 55. June 9, 1922.*

Meisinger, C. LeRoy. The streamflow experiment at Wagon Wheel Gap, Colo. p. 622-624.